THREAD-CHEK 2000M

Immediate Verification of Missing Threads

♦ **DETECTS FERROUS, NONFERROUS, ALUMINUM, COPPER, BRASS THREADS** ♦

♦ **O.D. AND I.D. MISSING THREAD DETECTION** ♦

♦ **INDUSTRIAL HARDENED** ♦

♦ **SINGLE AND MULTIPLE NON-CONTACT THREAD SENSORS** ♦

♦ **EASY INTERFACING TO RELAYS, PROGRAMMABLE CONTROLLERS, COMPUTERS, ALARMS AND MORE** ♦

Missing threads are rejected! Quartz accuracy and high power are combined to drive low cost non-contact sensors. The module is a complete thread detection system with digital display, accept/reject limits and solid state relay. Excellent stability over extreme environmental conditions make THREAD-CHEK 2000M ideal for rejection of missing threads on the production line. Modularity makes expansion and serviceability easy.

♦ **ONE YEAR WARRANTY** ♦

Don't Risk Shipping Another Missing Thread

GET A THREAD-CHEK 2000M

Real Time Ware
36722 Green Street (M29)
New Baltimore, MI 48047-2536

Telephone/ Fax
1-586-725-8850

THREAD-CHEK 2000M

◆ *STATE OF THE ART ENGINEERING:*
Quartz accuracy and high power are combined to focus on the threads geometric outline thereby avoiding the metallurgy of the material.

◆ *MODULARITY:*
Each module is self contained with a digital display, digital limit switch, accept/reject indicator and solid state relay output. This simplifies expansion and servicing. An unlimited number of modules can be tied together.

◆ *DETECTS FERROUS AND NONFERROUS THREADS:*
Ferrous, brass, aluminum, bronze, nickel, copper, and stainless steel thread verification can be detected at production speeds.

◆ *O.D. AND I.D. THREADS:*
Outer diameter or inner diameter thread verification for bolts, nuts or any shape part.

◆ *LOW-COST SENSORS:*
Standard or customized non-contact sensors are available. Sensors are made to withstand water, grease, oil, etc. The sensors are designed with replaceable tips resulting in cost savings.

◆ *EASY TO USE:*
One simple adjustment of a digital switch which is fully illustrated in a brochure.

◆ *EASY TO INTERFACE:*
Solid-state relay output is easily connected to programmable controllers, relays, computers or alarm systems. An analog output is optionally provided.

◆ *EASY TO SERVICE:*
The module can be easily serviced by unplugging three connectors and removing two screws, minimizing production interruptions.

◆ *TURN KEY SYSTEM:*
THREAD-CHEK 2000M is completely encased within an industrial enclosure. The power and TC2000M modules are assembled in accordance to your company's specification.

◆ *QUALITY COMES FIRST:*
Forty-eight (48) hours of testing in a temperature chamber prior to shipment virtually eliminates any premature failures. Real Time Ware stands behind THREAD-CHEK 2000M 100%. The electronics are warranted to be free from defects for a period of one year from delivery date.

◆ **SPECIFICATIONS:**
+/- 12 VDC at .2 amps, 1.5 x 4.2 x 6.0 (inches),
Solid State Relay Output
(optional ttl interface and optional analog output).

◆ **OTHER THREAD PRODUCTS:**
- Non-metallic thread detection (plastic, nylon, etc.)
- Thread counting and analysis
- Non-intrusive, high speed testing
- Verification of thread adhesive.

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